

LM 50 Litho HT

Description

High performance grease used in a wide range of applications in motor vehicles. Specifically recommended for fast spinning bearings with high load such as wheel bearings. Provides excellent wear protection and high-pressure absorbance capacity. Certification: DIN 51502 KP2N-30



Properties

- high capacity
- wide operating temperature range
- highest load-carrying capacity
- optimum stability to aging
- friction and wear reducing
- good corrosion protection
- universal application

Technical data

Brief description	KP2N-30 DIN 51502
Operating temperature range	-22 - +284 short term to +356 °F
NLGI number	2 DIN 51818
Thickener	lithium complex
Worked penetration	265-295 1/10 mm DIN ISO 2137
Dropping point	> 500 °F DIN ISO 2176
Color / appearance	blue
Oil separation after 18 hours at 104 °F	0,8 % DIN 51817
Oil separation after 7 days at 104 °F	2,7 % DIN 51817
Flow pressure at -22 °F	< 1400 mbar DIN 51805
Emcor corrosion class	0/0 DIN 51802
Copper corrosion after 24 hours at 212 °F	1 b DIN 51811
Behavior in the presence of water	1-90 DIN 51807 part 1
Four-ball tester material load/weld force	2800/3000 N DIN 51350 part 4
Four-ball tester wear/indentation diameter	0,6 mm DIN 51350 part 5
Base oil	mineral oil
Viscosity at 104 °F	210,0 mm ² /s ASTM D 7042-04

Technical data

Flash point	474 °F DIN ISO 2592
Pour point	-11 °F DIN ISO 3016
Recommended storage temperature	41 - 77 °F

Areas of application

Suitable for a wide application range in all motor vehicles, specifically suitable for fast spinning bearings with high load such as wheel bearings.

Application

Before treating with LM 50 Litho HT, the components must be clean and free from residues such as lubricants, dirt and moisture. Full performance is only realised when used alone.

Available pack sizes

400 g Cartridge plastic	20248 USA-AND-CANADA-EN-F
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Our information is based on thorough research and may be considered reliable, although not legally binding.